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REQ TR CHECK 8-1-1 BR71-0022

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REQ TR CHECK 8-1-3 BR71-0024

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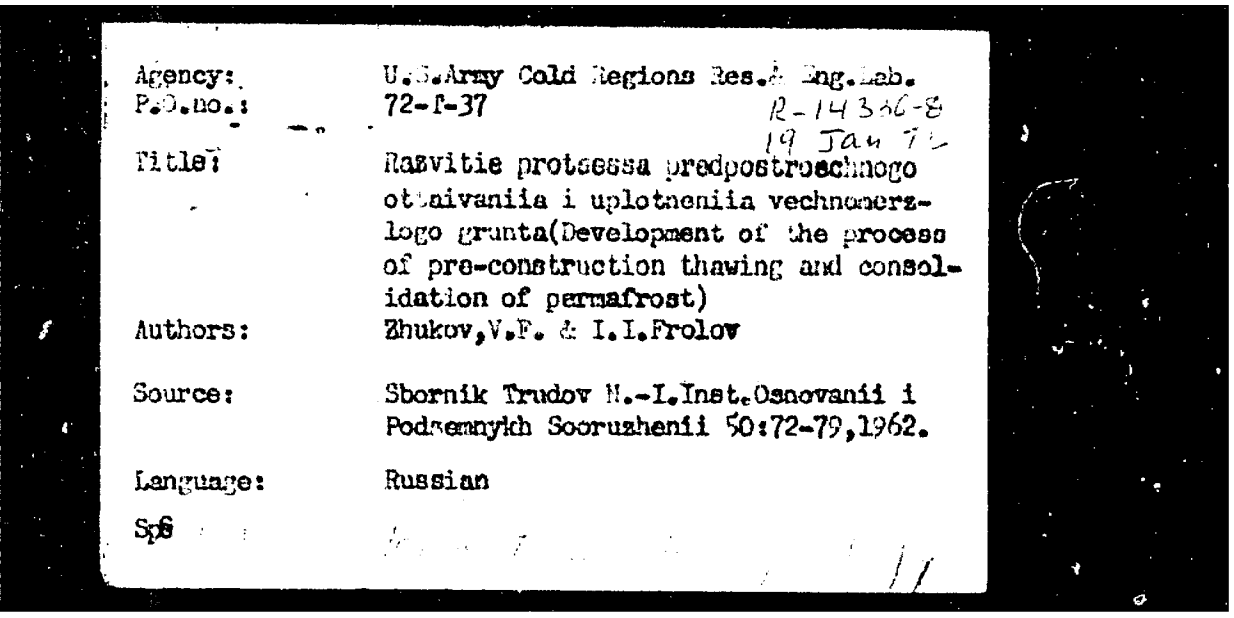

Agency: U.S.Army Cold Regions Res.& Eng.Lab.
P.O.no.: 72-I-37
R-14336-8
19 Jan 72

Title: Razvitie protsessa predpostroechnogo otsaivaniia i uplotneniia vechnomerzlogo grunta(Development of the process of pre-construction thawing and consolidation of permafrost)

Authors: Zhukov,V.F. & I.I.Frolov

Source: Sbornik Trudov N.-I.Inst.Osnovanii i Podzemnykh Sooruzhenii 50:72-79,1962.

Language: Russian

Sp6

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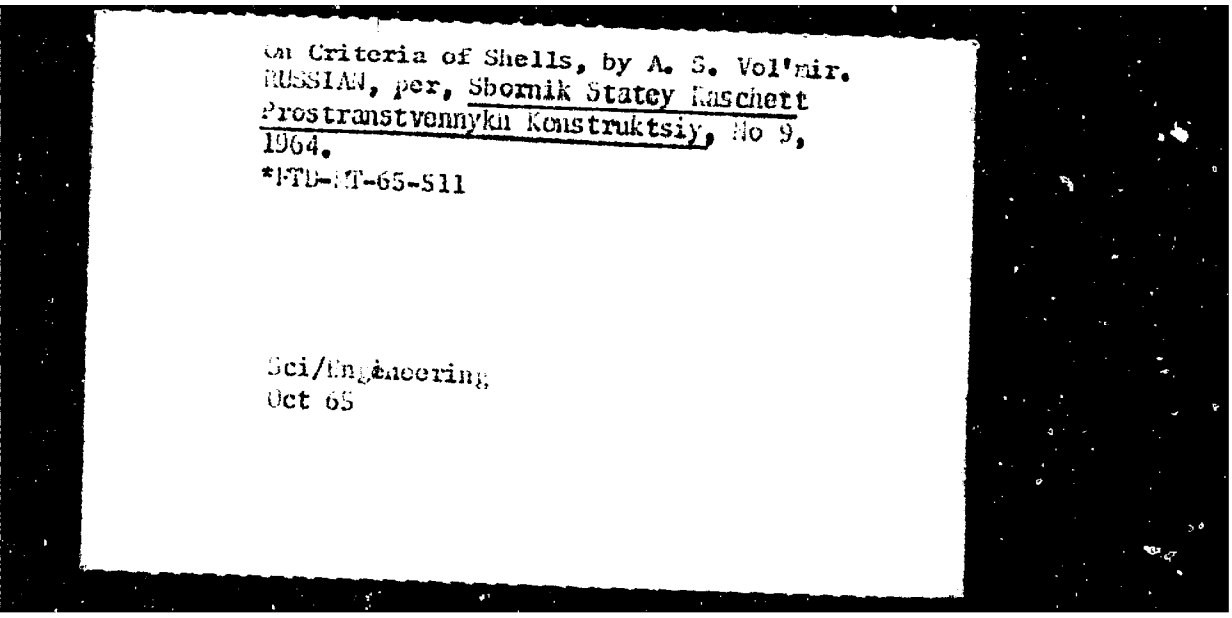

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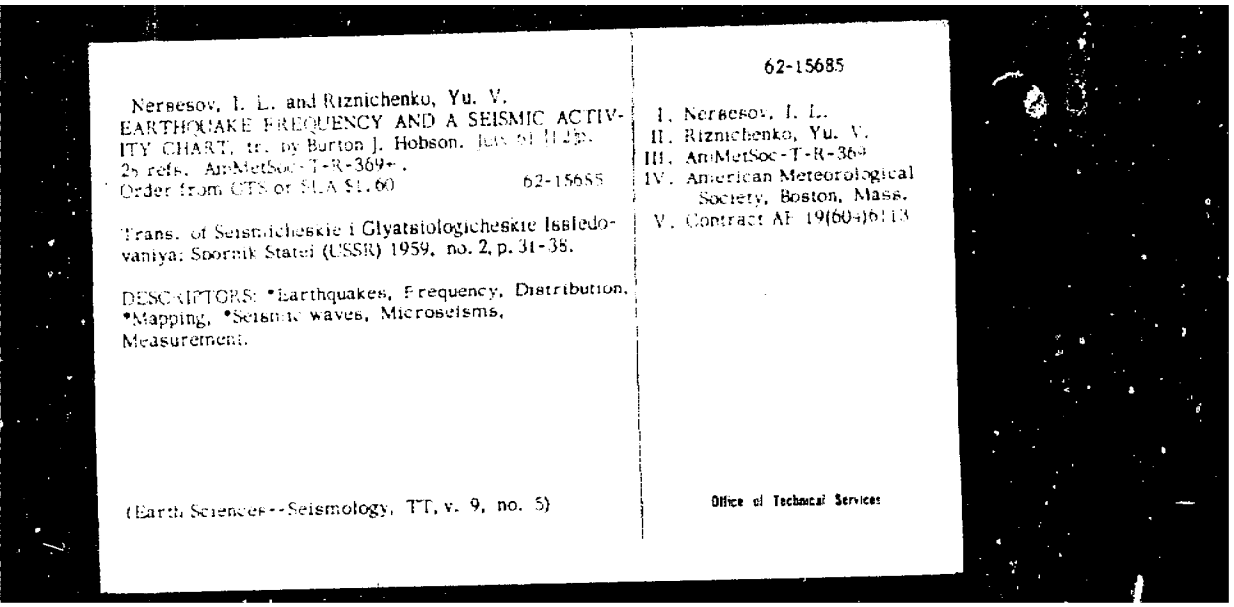

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Order from CFS or SLA $1.60 62-15685

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DESCRIPTORS: *Earthquakes, Frequency, Distribution, *Mapping, *Seismic waves, Microseisms, Measurement.

(Earth Sciences--Seismology, TT, v. 9, no. 5)

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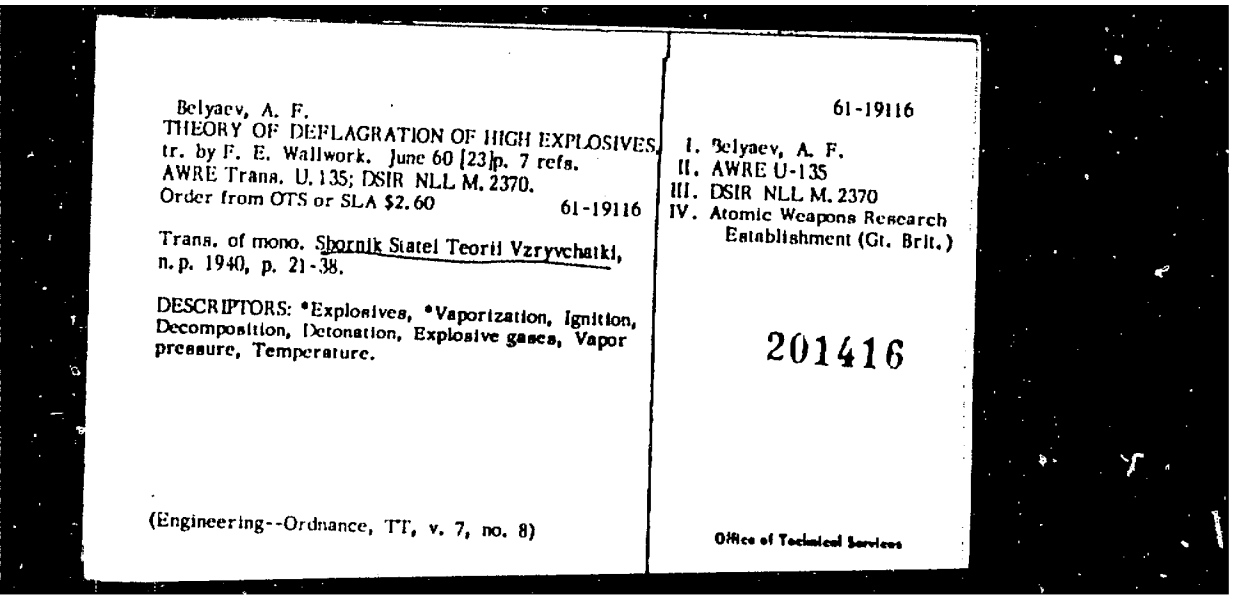

Belyaev, A. F.
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AWRE Trans. U.135; DSIR NLL M. 2370.
Order from OTS or SLA $2.60 61-19116

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DESCRIPTORS: *Explosives, *Vaporization, Ignition, Decomposition, Detonation, Explosive gases, Vapor pressure, Temperature.

(Engineering--Ordnance, TT, v. 7, no. 8)

61-19116

I. Belyaev, A. F.
II. AWRE U-135
III. DSIR NLL M. 2370
IV. Atomic Weapons Research Establishment (Gt. Brit.)

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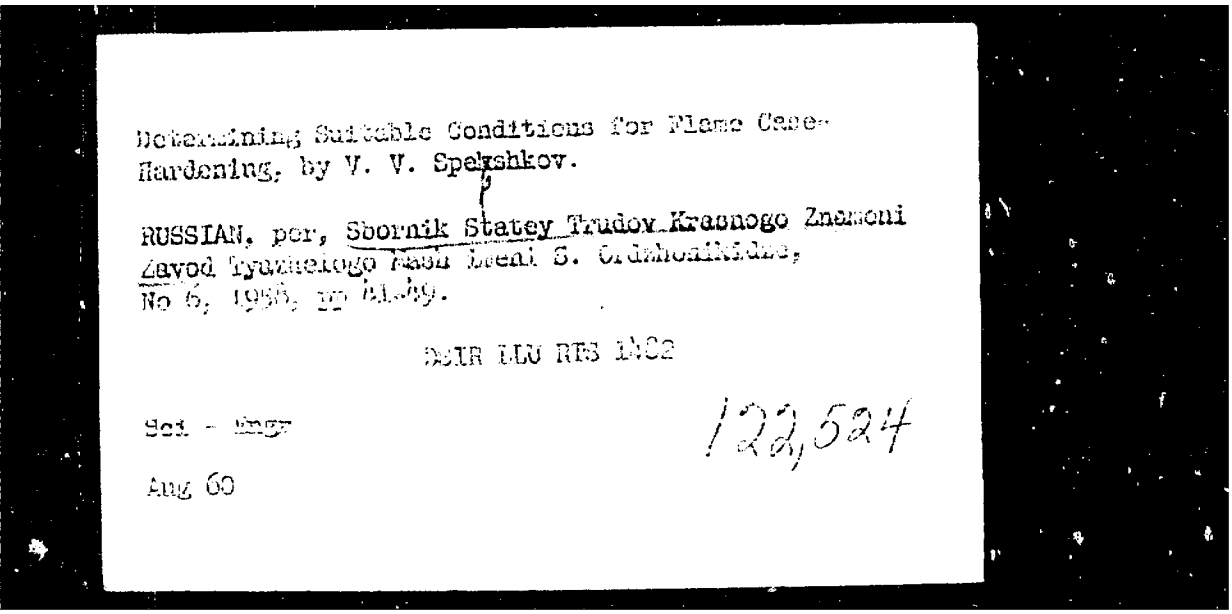

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CFSTI TT 66-51059

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Equipment and Components of the Large-Scale Pilot Unit Using a Solid Heat Transfer Medium, by G. A. Randver, XXXX Aranovich Yu. V. P. A. Trufanov, 8 pp.

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ATB-88M38R

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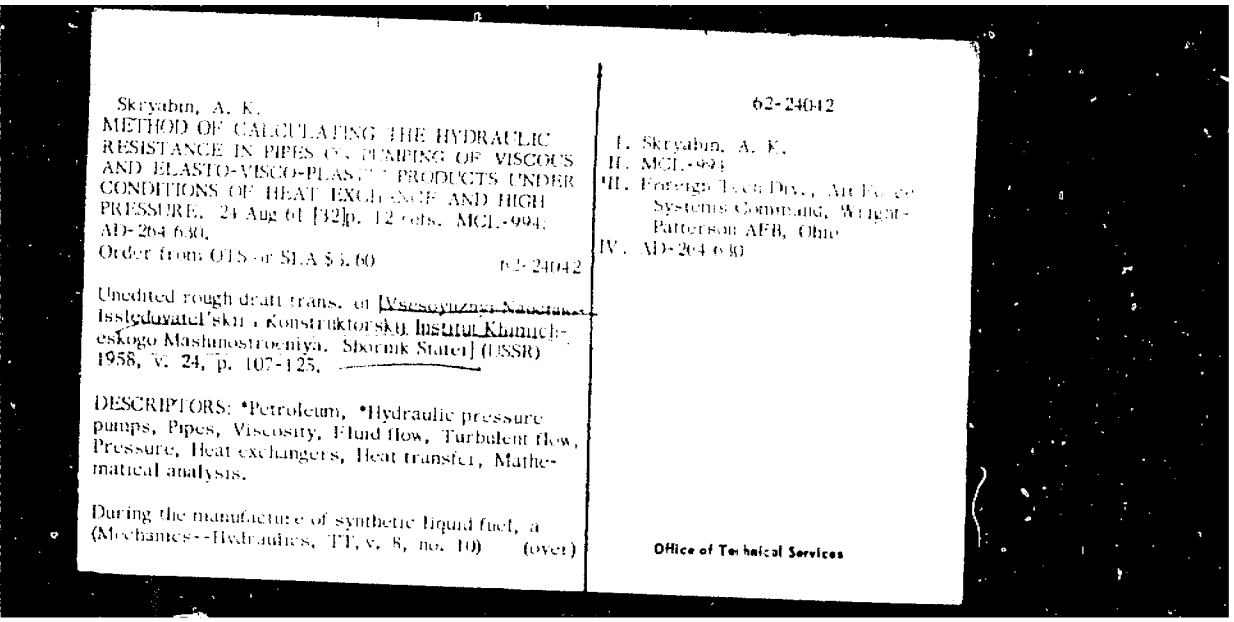

Skryabin, A. K.
METHOD OF CALCULATING THE HYDRAULIC RESISTANCE IN PIPES ON PUMPING OF VISCOUS AND ELASTO-VISCO-PLASTIC PRODUCTS UNDER CONDITIONS OF HEAT EXCHANGE AND HIGH PRESSURE. 24 Aug 61 [32]p. 12 refs. MCL-994; AD-264 630.
Order from: OTS or SLA $ 5.60 62-24042

Unedited rough draft trans. of [Vsesoyuznyy Nauchno-Issledovatel'skiy Konstruktorskiy Institut Khimicheskogo Mashinostroeniya. Sbornik Statey] (USSR) 1958, v. 24, p. 107-125.

DESCRIPTORS: *Petroleum, *Hydraulic pressure pumps, Pipes, Viscosity, Fluid flow, Turbulent flow, Pressure, Heat exchangers, Heat transfer, Mathematical analysis.

During the manufacture of synthetic liquid fuel, a (Mechanics--Hydraulics, TT, v. 8, no. 10) (over)

62-24042

I. Skryabin, A. K.
II. MCL-994
III. Foreign Tech. Div., Air Force Systems Command, Wright-Patterson AFB, Ohio
IV. AD-264 630

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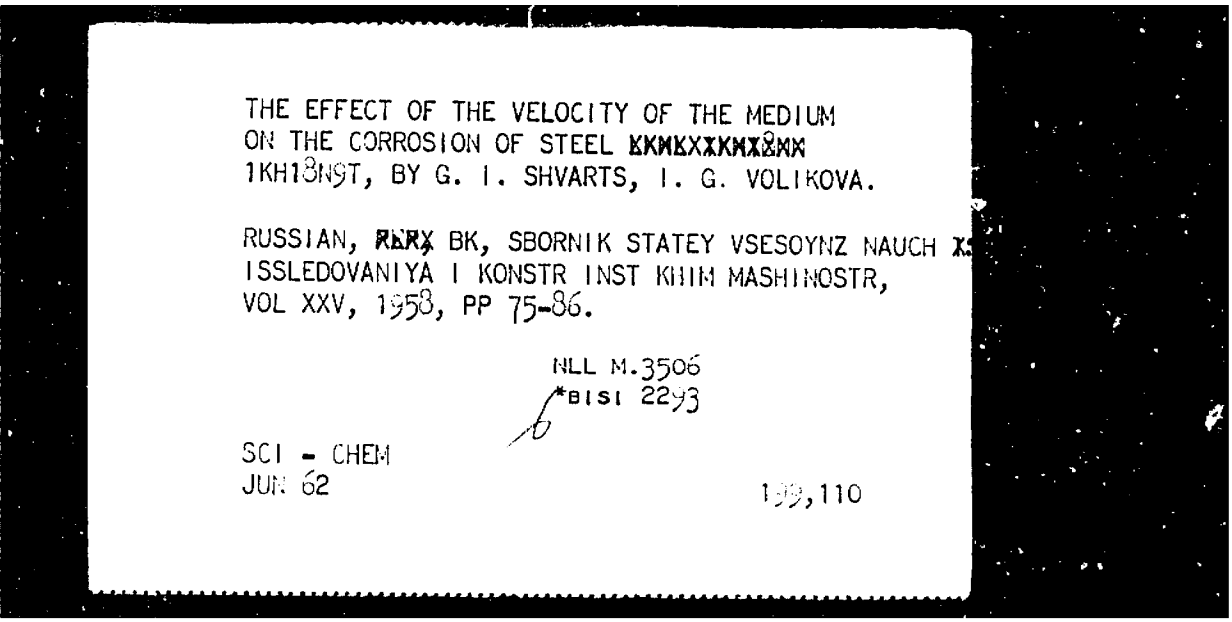

THE EFFECT OF THE VELOCITY OF THE MEDIUM ON THE CORROSION OF STEEL ~~XXMXXXMXXMX~~ 1KH18N9T, BY G. I. SHVARTS, I. G. VOLIKOVA.

RUSSIAN, ~~RXRX~~ BK, SBORNIK STATEY VSESOYNZ NAUCH ~~X~~ ISSLEDOVANIYA I KONSTR INST KHIM MASHINOSTR, VOL XXV, 1958, PP 75-86.

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Viktor Vladimirovich Vinogradov, by N. S. Pospelov,

RUSSIAN, bk, Sbornik Statey po Yazykoznaniyu, 1958, pp 9-23.

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Zhigalov, L. N.
SOME FEATURES OF THE VARIATION OF THE GEOMAGNETIC VERTICAL COMPONENT IN THE ARCTIC OCEAN, tr. by E. R. Hope. Oct 61, 4p. 4 refs. DSIS T 358 R.
Order from NRCC NRCC C-3856

Trans. from [Zemnoi Magnetizm i Zemnye Toki: Sbornik Statei] (USSR) 1960, no. 4.

DESCRIPTORS: *Arctic Ocean, *Terrestrial magnetism, Magnetism, Measurement, Periodic variations, Weather stations.

(Physics--Magnetism, TT, v. 8, no. 2)

62-17057

I. Zhigalov, L. N.
II. DSIS-T-358-R
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IV. Directorate of Scientific Information Services (Canada)

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Kalinin, Yu. D., ed.
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Order from OTS $1.75 NASA TT-F-105

Trans. of [Zemnoi Magnetizm i Zemnye Toki: Sbornik Statei] (USSR) 1960, no. 4.
Separate entries have been prepared for the individual articles. (Abstract available)

DESCRIPTORS: *Terrestrial magnetism, *Magnetic storms, Ionospheric disturbances, *Geophysics, Reports, Polar regions.

Included are articles discussing large geomagnetic storms and problems in their theory, latitudinal variations in the yearly course of magnetic activity, magnetic disturbances in the Arctic, the vertical component (Earth Sciences--Meteorology, TT, v. 11, no. 6)(over)

TT-64-11502

I. Kalinin, Yu. D.
II. NASA-TT-F-105
III. N64-11657
IV. National Aeronautics and Space Administration, Washington, D. C.

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

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Afanas'eva, V. I., and Kalinin, Yu. D.
VERY LARGE AND LARGE GEOMAGNETIC STORMS AND SOME PROBLEMS IN THEIR THEORY. Dec 63, 14p 6refs N64-11658.
Order from OTS $1.75 in NASA-TT-F-105 (p. 1-14)

Trans. from [Zemnoi Magnetizm i Zemnye Toki: Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)

DESCRIPTORS: *Magnetic storms, *Terrestrial magnetism, Ionospheric disturbances, Catalogs, Analysis

A number of questions on the theory of geomagnetic storms was considered using the catalogs of geomagnetic storms for 1878-1959 as a basis. Besides the well-known cycle (11-year) variations, 30-year variations of summary duration of moderate storms were detected. Displacement of the maximum of a storm number in the 11-year cycle as to the maximum of rela-
(over)

TT-64-11502 (p. 1-14)

I. Afanas'eva, V. I.
II. Kalinin, Yu. D.
III. NASA-TT-F-105 (p. 1-14)
IV. N64-11658
V. National Aeronautics and Space Administration, Washington, D. C.

Office of Technical Services

(Earth Sciences--Meteorology, TT, v. 11, no. 6)

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

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Mishin, V. M., Mishina, N. A., and Kalinoskaya, G. P.
ANALYSIS OF LATITUDINAL VARIATIONS IN THE YEARLY COURSE OF MAGNETIC ACTIVITY. Dec 63, 11p 3refs N64-11659.
Order from OTS $1.75 in NASA-TT-F-105 (p. 15-25)

Trans. from [Zemnoi Magnetizm i Zemnye Toki: Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)

DESCRIPTORS: *Magnetic storms, *Terrestrial magnetism, *Ionospheric disturbances, Periodic variations, Analysis

The main regularities of annual variations of magnetic activity obtained according to the data of 1955-1956, are analogous to those obtained according to the II IGY and IPY materials. In the polar region the average level of activity varies several times with the transition from local winter to local summer. According to the data of
(Earth Sciences--Meteorology, TT, v. 11, no. 6) (over)

TT-64-11502 (p. 15-25)

I. Mishin, V. M.
II. Mishina, N. A.
III. Kalinoskaya, G. P.
IV. NASA-TT-F-105 (p. 15-25)
V. N64-11659
VI. National Aeronautics and Space Administration, Washington, D. C.

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Ol', A. I.
SYNOPTIC CHARTS OF MAGNETIC DISTURBANCE IN THE ARCTIC. Dec 63, 10p 4refs N64-11660.
Order from OTS $1.75 in NASA-TT-F-105 (p. 26-35)

Trans. from [Zemnoi Magnetizm i Zemnye Toki: Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)

DESCRIPTORS: *Magnetic storms, *Terrestrial magnetism, *Ionospheric disturbances, Arctic regions, *Meteorological charts

Based on the material of the Soviet high-latitudinal observatories and drifting stations synoptical charts of magnetic disturbances (r_{11}) for 1957-1958 were made. There are given mean two-hour charts for 1957 and some examples of successive hourly charts of disturbances. There is found to be a considerable variation of disturbance distribution in the universal time. This distribution is characterized by the existence of sepa- (Earth Sciences--Meteorology, TT, v. 11, no. 6) (over)

TT-64-11502 (p. 26-35)

I. Ol', A. I.
II. NASA-TT-F-105 (p. 26-35)
III. N64-11660
IV. National Aeronautics and Space Administration, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Zhigalov, L. N.
SOME PECULIARITIES OF VARIATIONS IN THE VERTICAL COMPONENT OF THE MAGNETIC FIELD OF THE EARTH IN THE ARCTIC OCEAN. Dec 63, 7p 4refs N64-11661.
Order from OTS $1.75 In NASA-TT-F-105 (p. 36-42)

Trans. from [Zemnoi Magnetizm i Zemnye Toki: Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)
Another trans. is available from NRC as NRC-C-3856, DSIS-T-358-R, Oct 61, 4p.

DESCRIPTORS: *Arctic Ocean, *Terrestrial magnetism, Magnetism, Measurement, Periodic variations, Weather stations, Marine geophysics

The material of geomagnetic observations of the North Pole-6 drifting station has been considered together with the material of the USSR high latitudinal Arctic geomagnetic observatories. It is detected that far from (Earth Sciences--Meteorology, TT, v. 11, no. 6) (over)

TT-64-11502 (p. 36-42)

I. Zhigalov, L. N.
II. NASA-TT-F-105 (p. 36-42)
III. N64-11661
IV. National Aeronautics and Space Administration, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Ponomarev, E. A.
ON THE NATURE OF THE COASTAL EFFECT.
Dec 63, 10p 3refs N64-11662.
Order from OTS $1.75 in NASA-TT-F-105 (p. 43-52)

Trans. from [Zemnoi Magnetizm i Zemnye Toki, Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)

DESCRIPTORS: *Marine geophysics, *Terrestrial magnetism, Beaches, Antarctic regions, *Magnetic fields, Equations, Numerical analysis

The coast effect, discovered by S. M. Mansurov in the region of the Mirnyy observatory, is accounted for as a skin-effect on a geophysical scale. There are given the [illegible] calculations and they are compared with the experimental data. (Author)

(Earth Sciences--Meteorology, TT, v. 11, no. 6)

PB-

TT-64-11502 (p. 43-52)

I. Ponomarev, E. A.
II. NASA-TT-F-105 (p. 43-52)
III. N64-11662
IV. National Aeronautics and Space Administration, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Lipskaya, N. V., Deniskin, N. A., Egorov, Yu. M., and Shel'ting, V. F.
STATIONARY MICROVARIATION STATION WITH PHOTOELECTRONIC AMPLIFICATION. Dec 63, 8p 3refs N64-11663.
Order from OTS $1.75 In NASA-TT-F-105 (p. 53-60)

Trans. from [Zemnoi Magnetizm i Zemnye Toki: Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)

DESCRIPTORS: *Terrestrial magnetism, *Magnetometers, Photoelectrons, Amplifiers, Physics laboratories, *Measuring devices (Electrical and Electronic)

There is given a description of a microvariation station with photoelectronic amplification. The station is designed for durable registration of microvariations of the earth's magnetic field with a resolution by amplitude of some thousand parts of a gamma (10^{-8} oersted) and with a frequency up to one cycle per second. High-sensitive, (Earth Sciences--Meteorology, TT, v. 11, no. 6) (over)

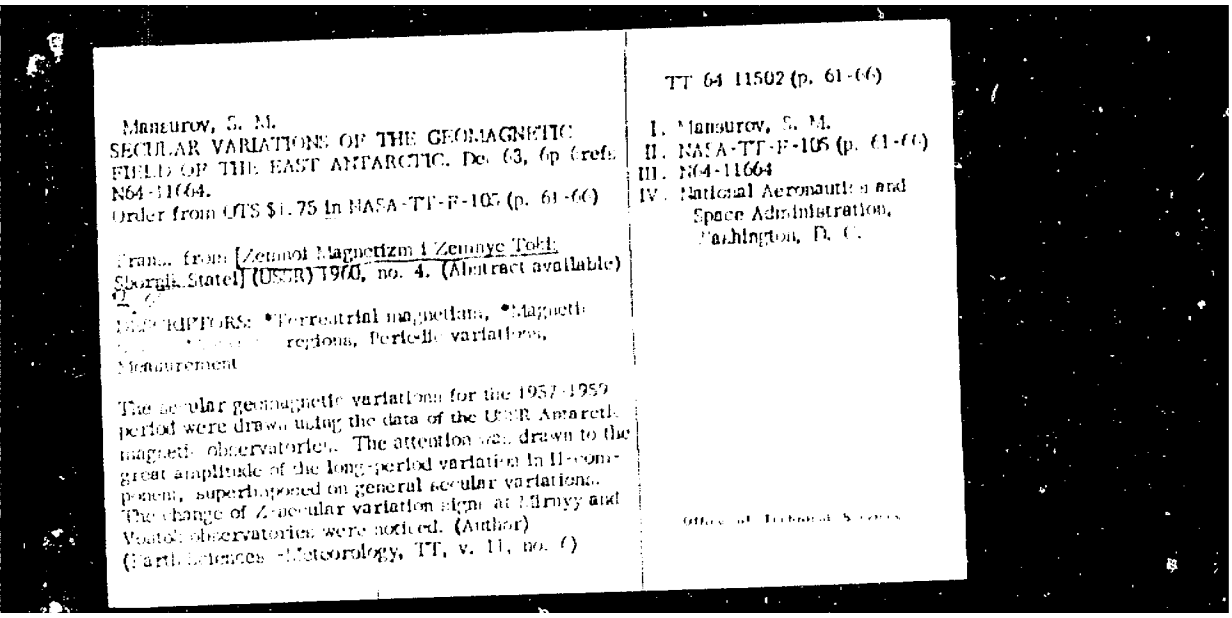
TT 64-11502 (p. 53-60)

I. Lipskaya, N. V.
II. Deniskin, N. A.
III. Egorov, Yu. M.
IV. Shel'ting, V. F.
V. NASA-TT-F-105 (p. 53-60)
VI. N63-11663
VII. National Aeronautics and Space Administration, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8



Mansurov, S. M.
SECULAR VARIATIONS OF THE GEOMAGNETIC FIELD OF THE EAST ANTARCTIC. Dec 63, 6p (refs) N64-11664.
Order from OTS $1.75 In NASA-TT-F-105 (p. 61-66)

Trans. from [Zemnoi Magnetizm i Zemnye Toki; Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)

DESCRIPTORS: *Terrestrial magnetism, *Magnetic [illegible] regions, Periodic variations, Measurement

The secular geomagnetic variations for the 1957-1959 period were drawn using the data of the USSR Antarctic magnetic observatories. The attention was drawn to the great amplitude of the long-period variation in H-component, superimposed on general secular variations. The change of Z-secular variation signs at Mirnyy and Vostok observatories were noticed. (Author)
(Earth Sciences - Meteorology, TT, v. 11, no. 6)

TT 64 11502 (p. 61-66)

I. Mansurov, S. M.
II. NASA-TT-F-105 (p. 61-66)
III. N64-11664
IV. National Aeronautics and Space Administration, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Some Data on the Effect of Added Oxygen on Heat Emission as Sodium flows throgh a Cooled Pipe, by A. S. Andreev, E. D. Fedorovich, A. V. Shchedrin, 12p.
RUSSIAN, Unedited rough draft trans. of mono. Zhidkie Metally. Sbornik Stati, 1963, pp 109-13.
CFSTI AD-631,581

332, 236

Sci
Jul 67

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Effect of Liquid Sodium on Enduring Strength of Structural Materials, by G. P. Dykova, V. I. Nikitin, 9 pp.
RUSSIAN, per, Sbornik Statey Zhidkiye Metally, 1963, pp 292-299. 9696278
FTD-TT-64-1210

Sci - M/M
Mar 65

276,896

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Effect of Liquid Sodium on Relaxation of Stresses in Steel, by V. I. Nikitin, 8 pp.
RUSSIAN, per, Sbornik Statey Zhidkiye Metally, 1963, pp 300-306. 9696297
FTD-TT-65-123

Sci - M/M
Mar 65

276,912

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

The Structure and Properties of Organic Glasses, by P. P. Kobeko, 11 pp.

RUSSIAN, per, Sbornik, Stroenie Stekla, (1953), 1955, pp 19-25.

Sci Mus Lib Tr 57/1877

Sci - Physics
Nov 57

55, 118

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Rayleigh Scattering in Glasses and the Structure of Glass, by D. I. Levin, 9 pp.

RUSSIAN, per, Sbornik, Strosnie Stekla, (1953), 1955, pp 198-201.

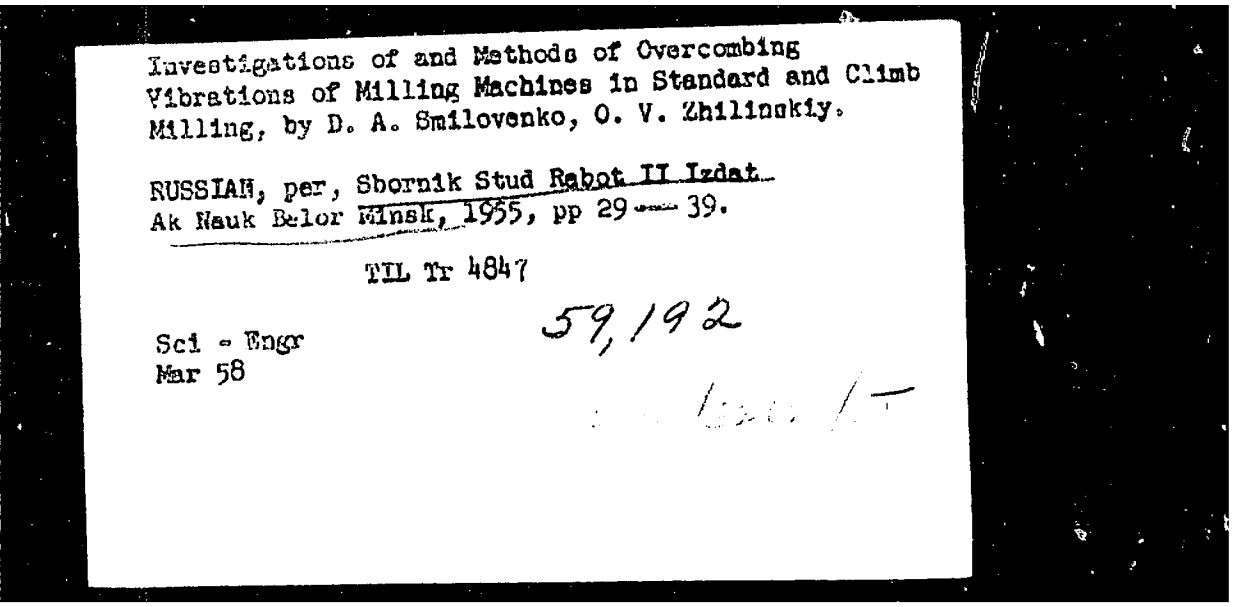
Sci Mus Lib Tr 57/1879

Sci - Physics
Nov 57

53, 119

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8



Investigations of and Methods of Overcombing Vibrations of Milling Machines in Standard and Climb Milling, by D. A. Smilovenko, O. V. Zhilinskiy.

RUSSIAN, per, Sbornik Stud Rabot II Izdat Ak Nauk Belor Minsk, 1955, pp 29 — 39.

TIL Tr 4847

59,192

Sci - Engr
Mar 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Questions of the Microstructure of Certain Cheeses, by G.A. Mikheeva.
RUSSIAN. per Sb. Stud. Rab. Mosk. Tekh. Inst. Myasn I Moloch. Prom.
No. 3, 1955, pp 115-120
NLL/5828.4 1965 (5643)

Sci -
Sep 67

559-709

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Zhongolovich, I. D. and Amelin, V. M.
COLLECTION OF TABLES AND NOMOGRAMS FOR THE PROCESSING OF OBSERVATIONS MADE ON ARTIFICIAL EARTH SATELLITES, tr. by P. Basu. Mathematical Tables, v. 12. 1961, 1v.
Order from PP £5

Trans. of mono. [Sbornik Tablits i Nomogramm dlya Obrabotki Nablyudenii Iskusstvennykh Sputnikov Zemli, Moscow, 1960, 188p.].

DESCRIPTORS: *Astronomical data, Nomographs, Tables, *Mathematical analysis, *Satellite vehicles.

(Astronomy--Astrophysics, TT, v. 8, no. 7)

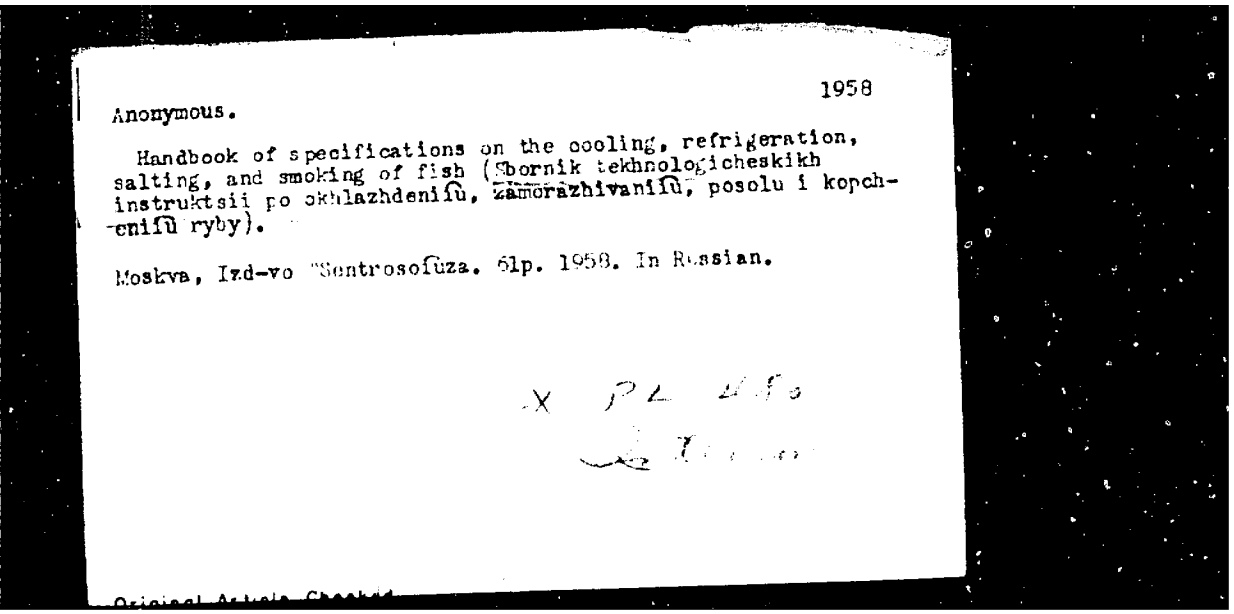
62-17038

I. Zhongolovich, I. D.
II. Amelin, V. M.
III. Title: Mathematical ...
IV. DSIR NLL E. 21590
V. Pergamon Press, Inc., New York

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8



1958

Anonymous.

Handbook of specifications on the cooling, refrigeration, salting, and smoking of fish (Sbornik tekhnologicheskikh instruktsii po okhlazhdeniiu, zamorazhivaniiu, posolu i kopcheniiu ryby).

Moskva, Izd-vo "Sentrosoiuza. 61p. 1958. In Russian.

X P4 4/3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Conditions for Existance of Universal
Optimal Automatic-Control Systems,
by O. N. Kozlov.
RUSSIAN, per, Sbornik Tekh Kibernet, 1963,
pp 97-103.
*FTD-TT-65-2008

Sci - Eng
Jan 66

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

A Collection of Theoretical Works on Aerodynamics, by A. A. Nikolskiy, 510 pp.

RUSSIAN, bk, Sbornik teoreticheskikh rabot po aerodinamike, Oborongiz, 1957.

*Pergamon Inst

May 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Temperature of a Cone in Supersonic Flow With Consideration of Radiation, by I. N. Sokolova, 10 pp. RUSSIAN, bk, Sbornik Teoreticheskikh Rabot po Aerodinamike, Moscow, 1957, pp 222-229. 9695929
FTD-TT-64-766

Sci - Engr
Feb 65

272,797

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Unsteady Boundary Layer Theory, by V. V. Struminskiy,
43 pp.
RUSSIAN, per, Sbornik Teoreticheskikh Rabot po
Aerodinamika, 1957, pp 230-252. 9692025
FTD-TT-63-778

Sci - Phys
Apr 64

253,424

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Data for Study of the Wolf With Description of a New Method for Ascertaining Age Variability of Mammals, by V. G. Geptner, L. G. Turova-Morozova.

Full translation.

RUSSIAN, per, Sbornik Trudov, Vol VII, 1951, pp 5-14.

Nova Scotia No 201

Scientific - Medicine

Aug 53 CIB 4595

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

The Selection of a Pump for a Water Jet Propulsor, by S. A. Parshchik.

RUSSIAN, per, Sbornik Trudov, No 6, 1956, p 123.

Navy 2130/T-104

Navy ~~21~~ 2414/APL T-104

Sci - Engr
May 59

86, 4/63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

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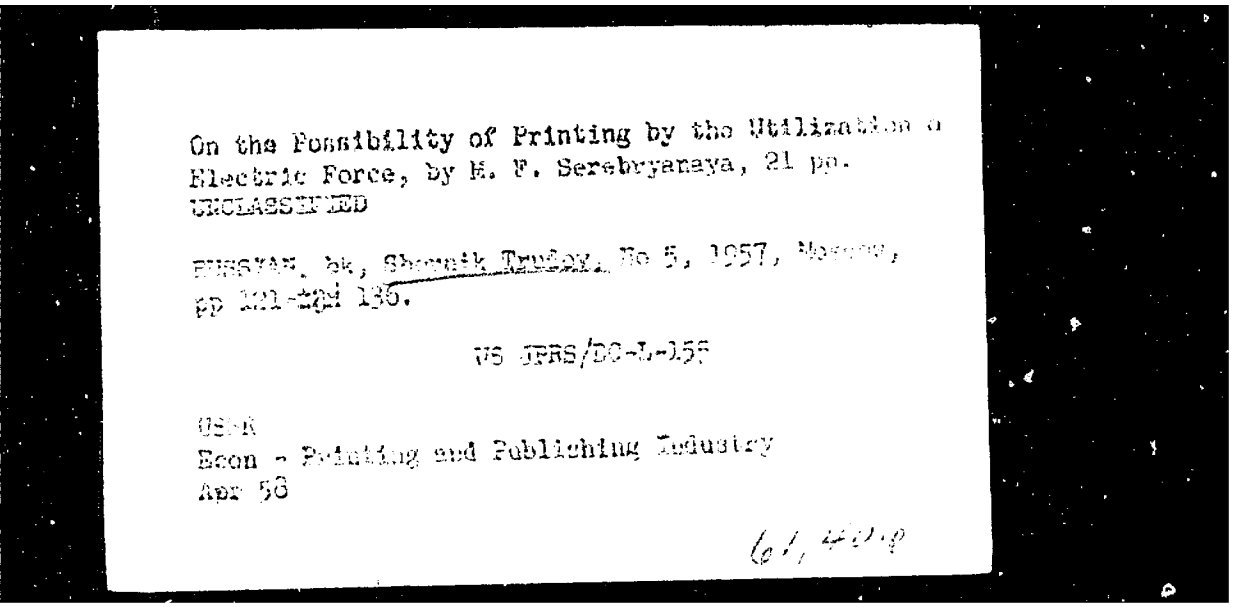


On the Possibility of Printing by the Utilization o
Electric Force, by M. F. Serebryanaya, 21 pp.
UNCLASSIFIED

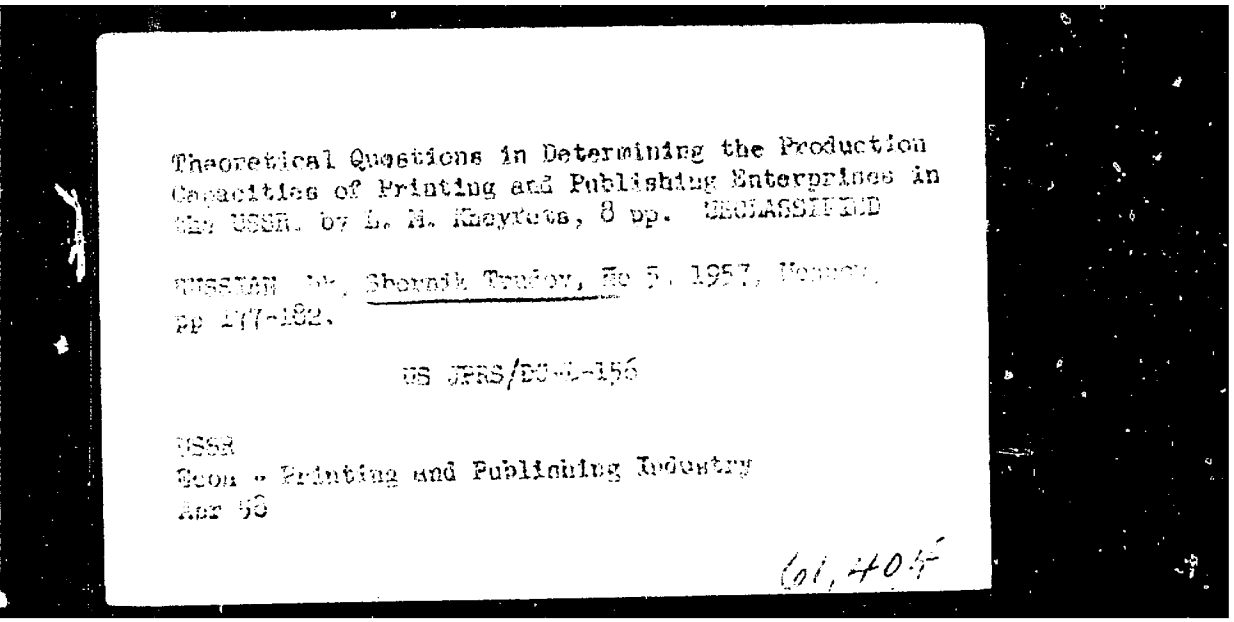
PUBSYAN, ok, Sbornik Trudov, No 5, 1957, Moscow,
pp 121-134 136.

WS IPRS/DC-L-155

USSR
Econ - Printing and Publishing Industry
Apr 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8



Theoretical Questions in Determining the Production Capacities of Printing and Publishing Enterprises in the USSR. by L. M. Khaytens, 8 pp. UNCLASSIFIED

RUSSIAN bk. Sbornik Trudov, No 5, 1957, Moscow, pp 177-182.

US JPRS/DC-L-156

USSR
Econ - Printing and Publishing Industry
Apr 58

61,404

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Equipment for Simultaneous Recording of Entry of Water Into the Root System of a Plant, of Transpiration and of Changes in the Weight of the Green Mass, by O. Ivanov.
RUSSIAN, per, Sbornik Trudov Agron Fiz, No 9, 1962, pp 180-187.
CSIRO No 6359

Sci - B/M
Apr 64

257,242

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

The Performance of Dynamic Systems Near the Stability Limits, by L. N. Dashevskiy, 6 pp.

RUSSIAN, per, Sbornik Trudov Ak Nauk URSR, Inst Elektrotekh, Vol XIII, 1956, pp 35-41.

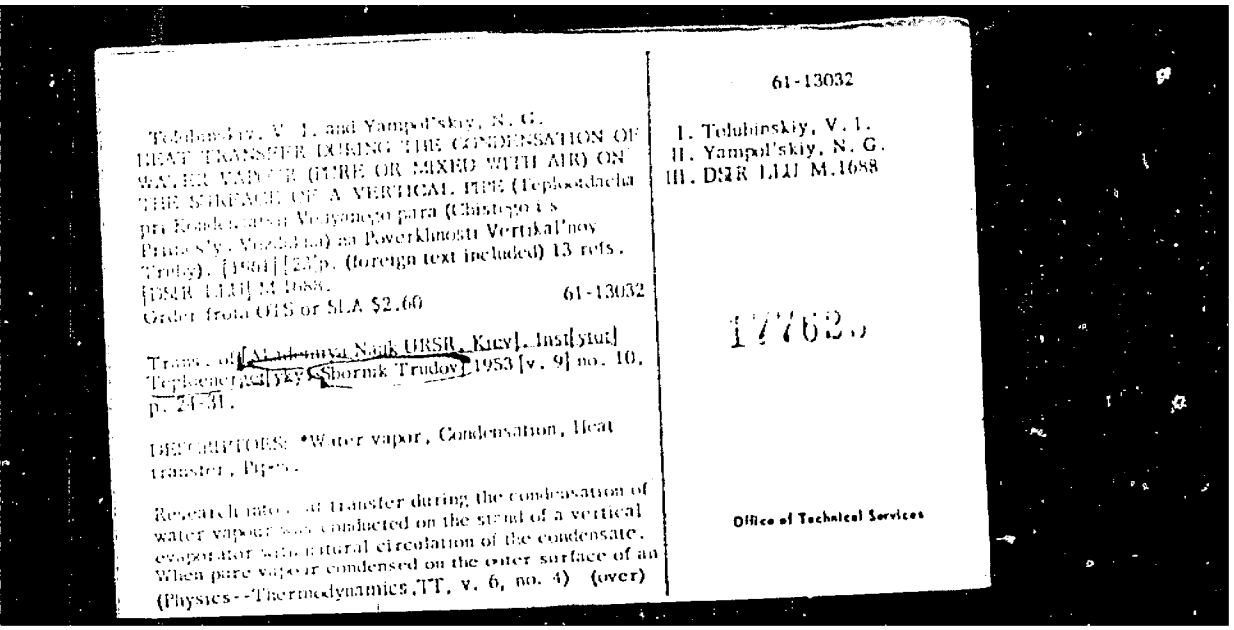
SLA 59-22503

Sci
Mar 62
Vol IV, No 2

188,852

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8



Tolubinskiy, V. I. and Yampol'skiy, N. G.
HEAT TRANSFER DURING THE CONDENSATION OF WATER VAPOR (PURE OR MIXED WITH AIR) ON THE SURFACE OF A VERTICAL PIPE (Teploobmen pri Kondensatsii Vodyanogo para (Chistogo i s Primes'yu Vozdukha) na Poverkhnosti Vertikal'noy Truby). [1960] [23]p. (foreign text included) 13 refs. [USAF LIAI] M.1688.
Order from OTS or SLA $2.60 61-13032

Trans. of [Akademiya Nauk URSR, Kiev]. Inst[yut] Teploenergetiki[yi] Sbornik Trudov [1953 [v. 9] no. 10, p. 24-31.

DESCRIPTORS: *Water vapor, Condensation, Heat transfer, Pipes.

Research data on heat transfer during the condensation of water vapor were conducted on the surface of a vertical evaporator with natural circulation of the condensate. When pure vapor condensed on the outer surface of an (over)

61-13032

I. Tolubinskiy, V. I.
II. Yampol'skiy, N. G.
III. USAF LIAI M.1688

17762

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Selection of a Pump for a Hydraulic-Jet Propeller,
by S. A. Parchik.

RUSSIAN, per, Sbornik Trudov Ak Nauk Ukrain SSR,
Laboratoriia Gidravlicheskikh, No 6, 1956,
pp 123-134.

JHU/API
TG 230-T104

Sci - Engr

145,264

Apr 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

The Principle of Minimum Drag and the Construction of the Characteristics of the Runner of an Axial-Flow Fan, by V. N. Yershov, 21 pp.

RUSSIAN, per. Sbornik Trudov Ak Nauk URSR, Kiev, Laboratoriya Hidravlichnykh Mashyn, No 6, pp 74-85.

SLA 59-22672

Sci
OTS, Vol III, No 8
Apr 61

145,159

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

On the Formation and Properties of Bulk Masses of Coke, by G. A. Volkova.

RUSSIAN, por, Sbornik Trudov Dnepropetrovskii Ordenatrudovogo Krasnogo Znameni Metallurgicheskii Institut imeni I. V. Stalina, No 33, 1955, pp 442-448.

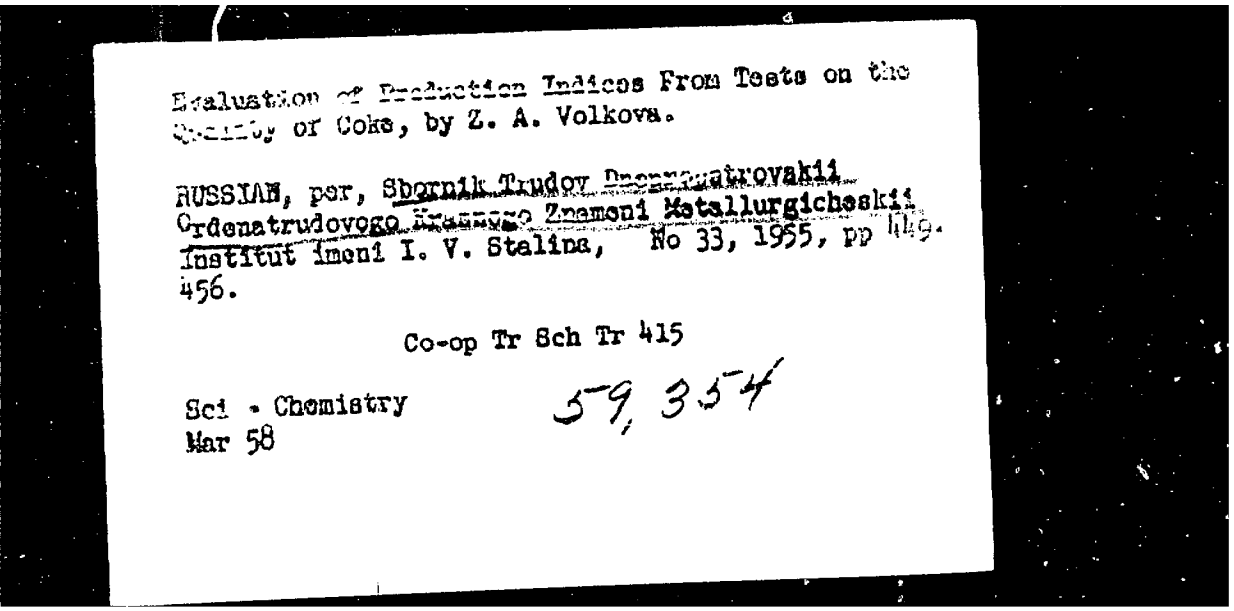
Co-op Tr Sch Tr 416

Sci - Chemistry
Mar 58

59,352

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8



Evaluation of Production Indices From Tests on the Quality of Coke, by Z. A. Volkova.

RUSSIAN, per, Sbornik Trudov Dnepropetrovskii Ordenatrudovogo Krasnogo Znameni Metallurgicheskii Institut imeni I. V. Stalina, No 33, 1955, pp 449-456.

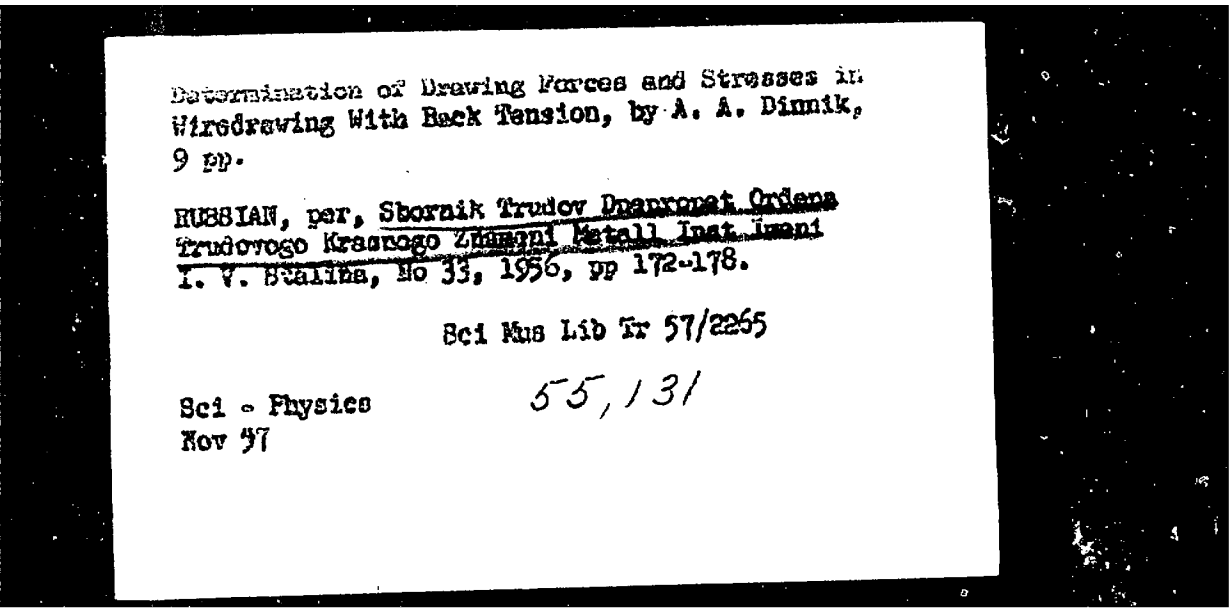
Co-op Tr Sch Tr 415

Sci - Chemistry
Mar 58

59, 354

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8



Determination of Drawing Forces and Stresses in Wiredrawing With Back Tension, by A. A. Dinnik, 9 pp.

RUSSIAN, per, Sbornik Trudov Dnepropet Ordena Trudovogo Krasnogo Znameni Metall Inst Imeni I. V. Stalina, No 33, 1956, pp 172-178.

Sci Mus Lib Tr 57/2265

55,131

Sci - Physics
Nov 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Some Kinematic Laws of the Seat of Deformation, by A. P. Grudev, 18 pp.

RUSSIAN, per, Sbornik Trudov Dneproget Ordena Trudovogo Krasnogo Znameni Metall Inst imeni I. V. Stalina, No 33, 1956, pp 179-194.

Sci Mus Lib Tr 57/2192

Sci - Physics
Nov 57

53-1/32

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

Investigation of the Operation of a Phase-Comparator, by G. I. Gladyshev, 4 pp.

RUSSIAN, per, Sbornik Trudov Inst Elektrotekh Ak Nauk Uk SSR, No 12, 1955, pp 115-117.

SLA Tr R-677

Sci - Electricity

50,628

Aug 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

On the Defect Indices of Linear Operators in Banach Space and on Some Geometric Questions, by M. G. Krein & M. A. Krasnosel'skii. RUSSIAN, per, Sbornik Trudov Inst Mat AN UkrSSR, Vol 11, 1948, pp 97-112. Dept of Navy/ APL/JHU TG 230-T530

Sci/Math
Feb 68

349,547

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

14 091 GF-1

LYASHCHENKO B. G.

Neutron structure analysis to localize carbon atoms in an austenite lattice

Neutronen-Strukturanalyse zur Lokalisierung der Kohlenstoffatome im Austenitgitter

Sbornik Trudov Inst. Metallov. i Fiz. Met., 6, 378-380 (1959)

German

E u r a t o m

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340006-8

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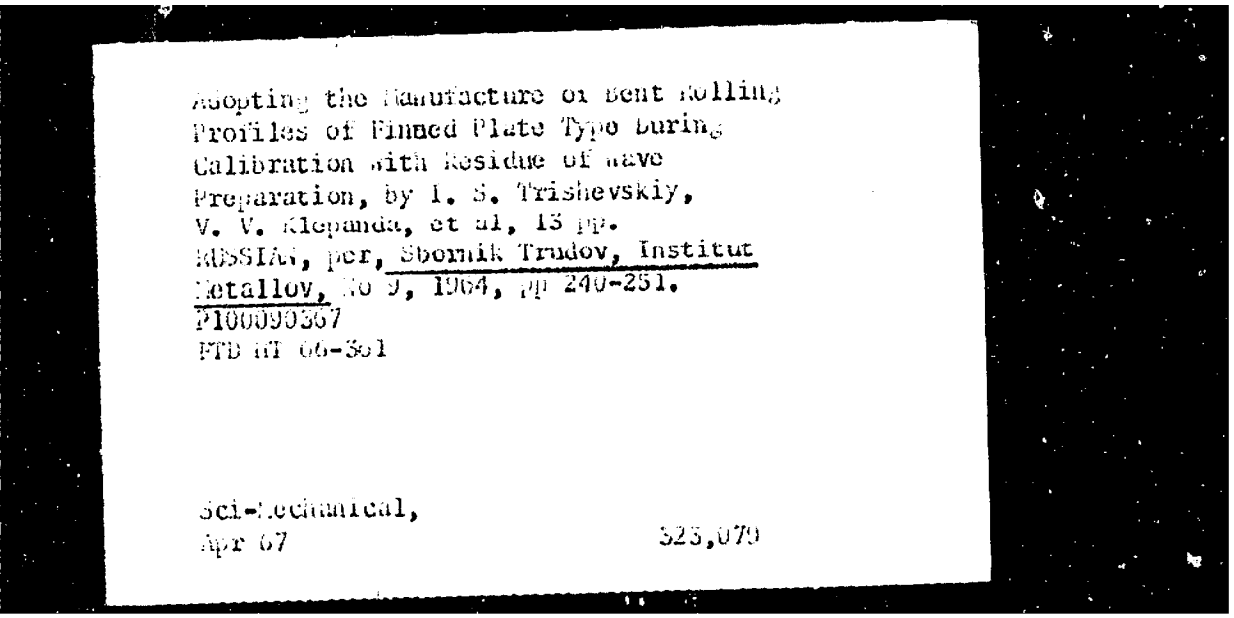

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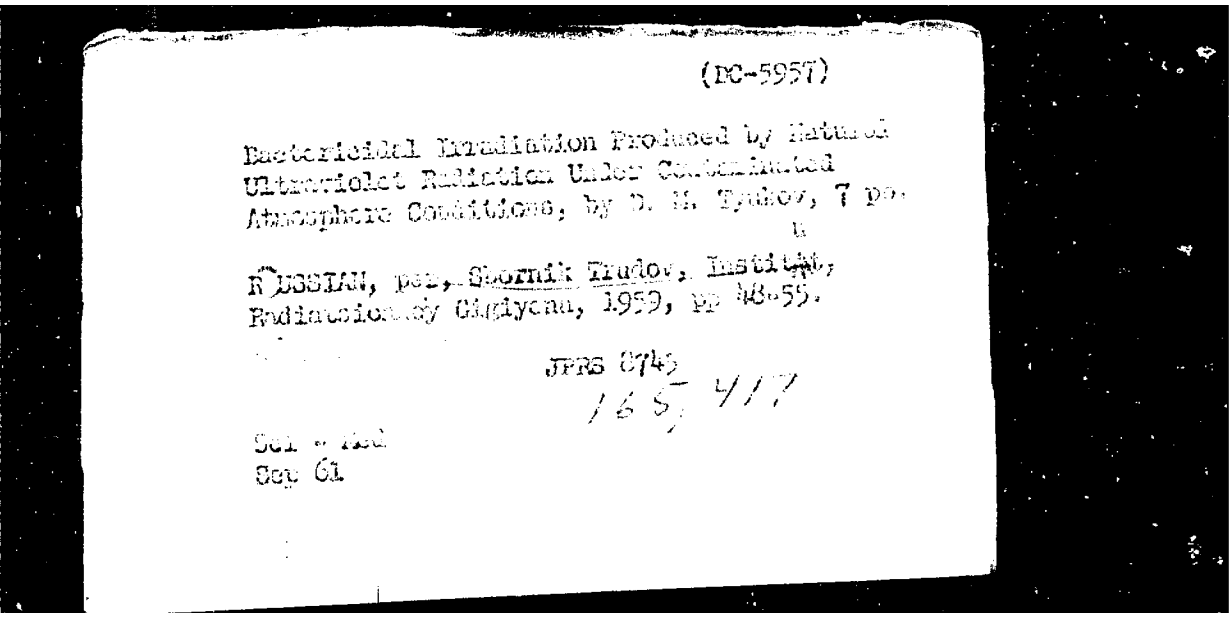

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AN INVESTIGATION OF LOSSES IN TURBINE ROTOR BLADE CASCADES, BY A. S. EREMENKO, A. P. FEDOSENKO.

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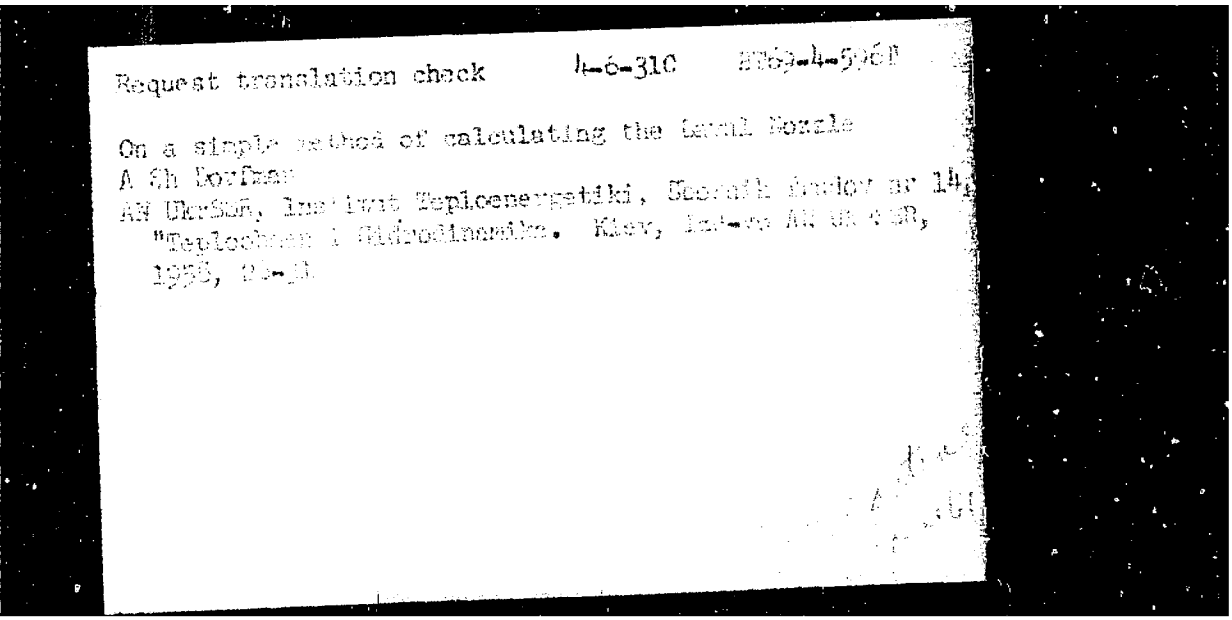

Request translation check 4-6-310 3369-4-5961

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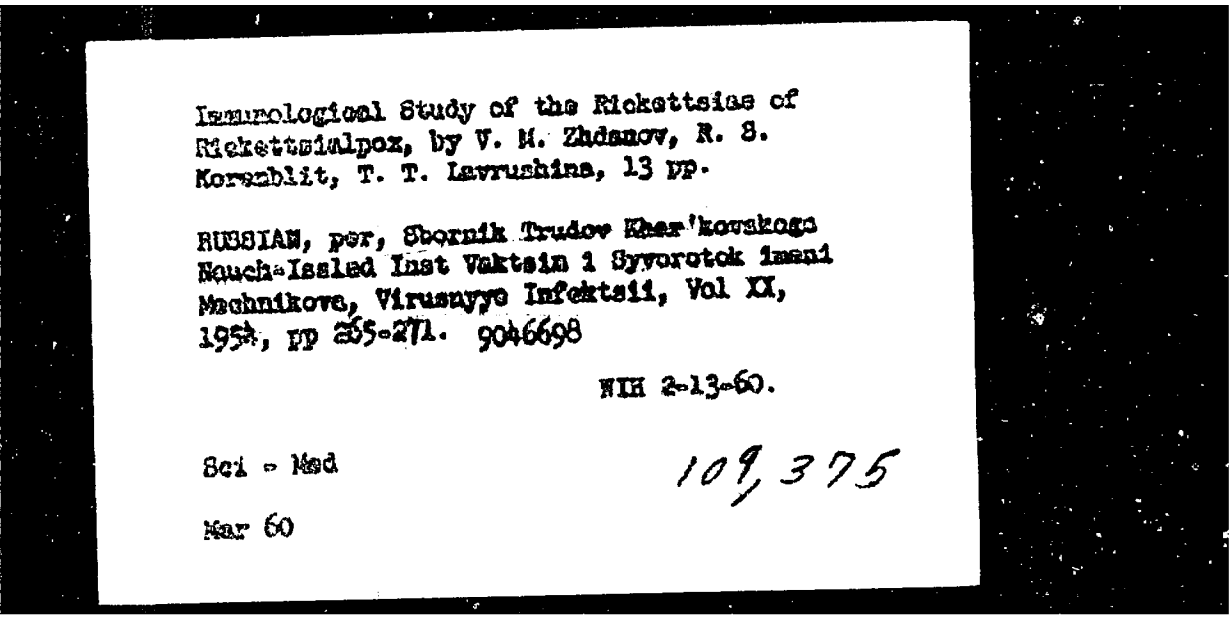

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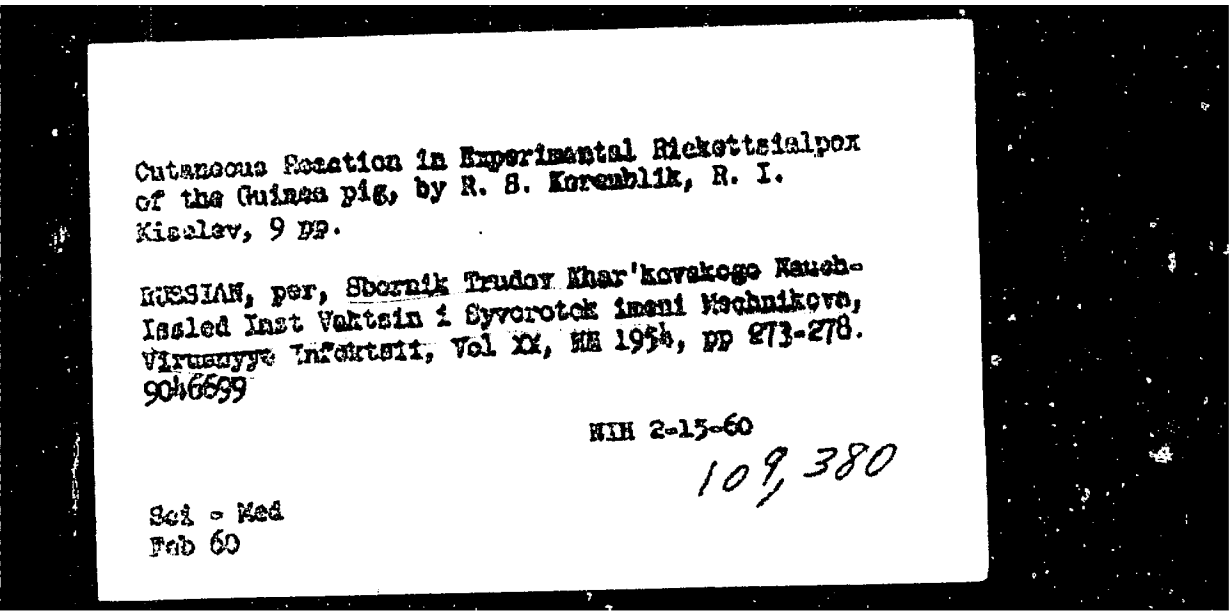

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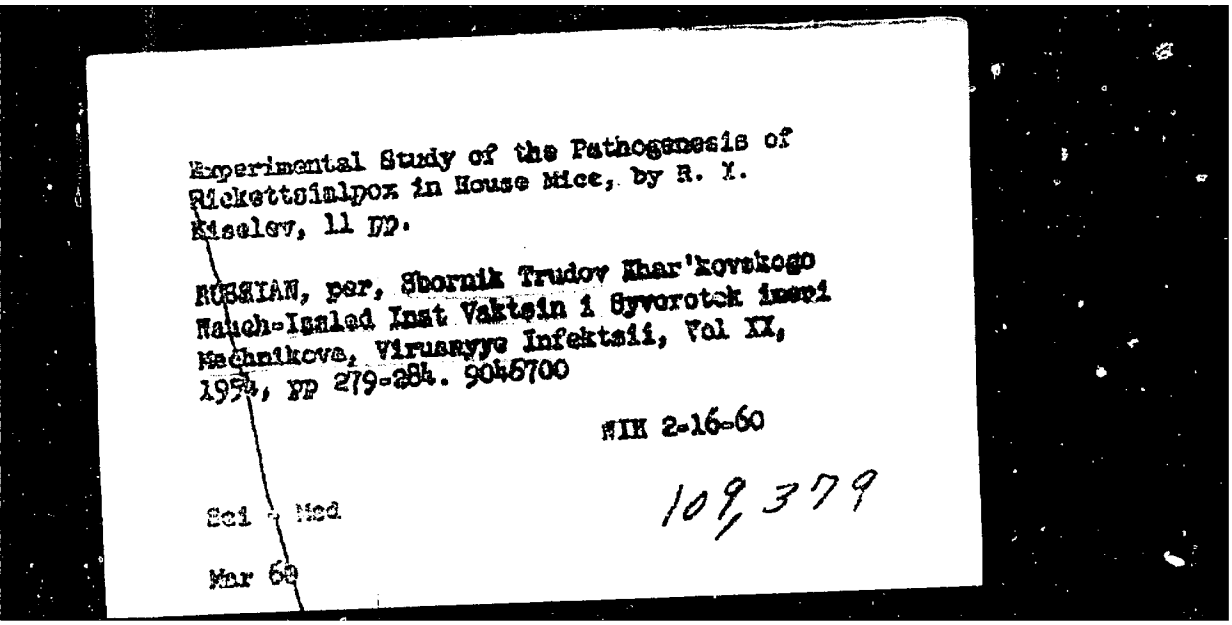

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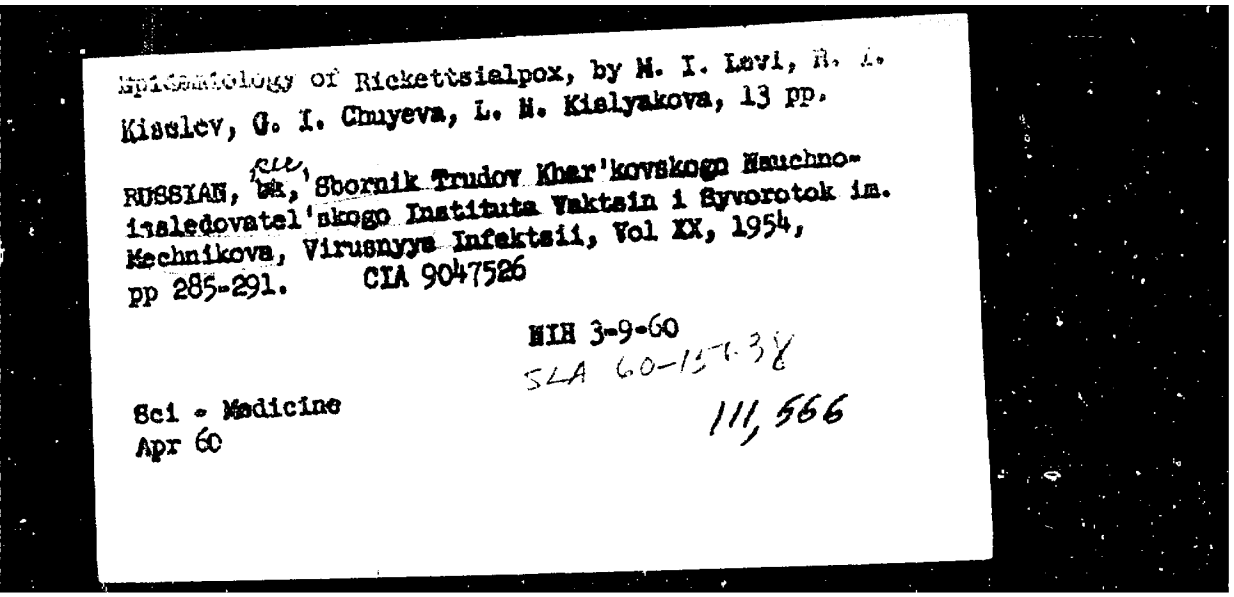

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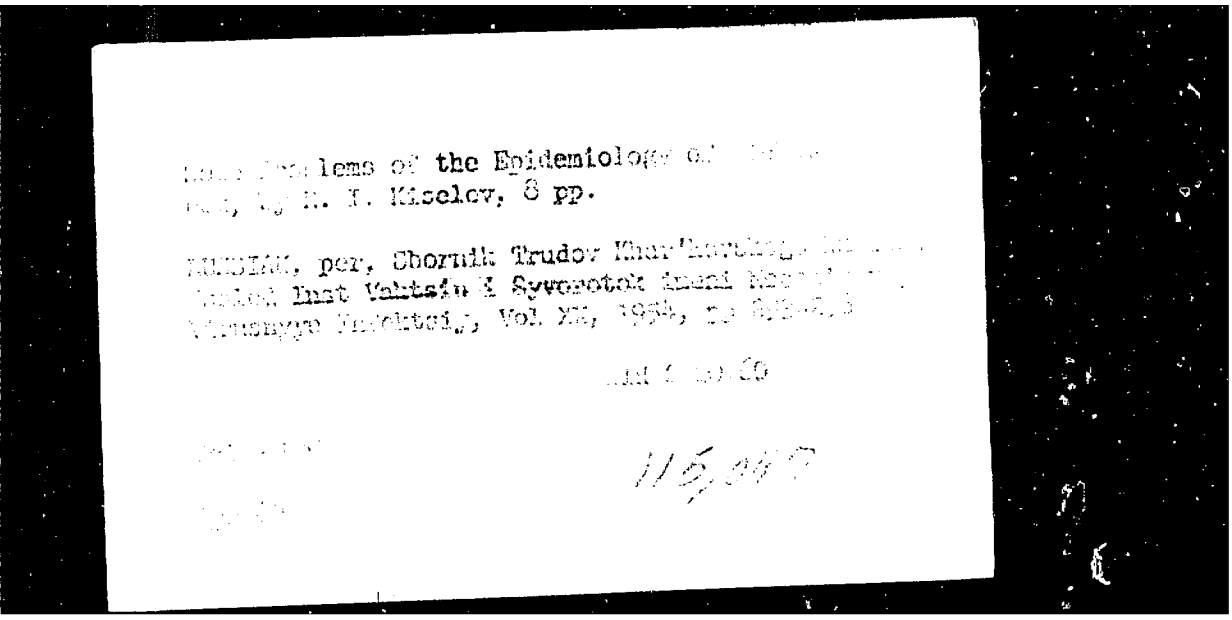

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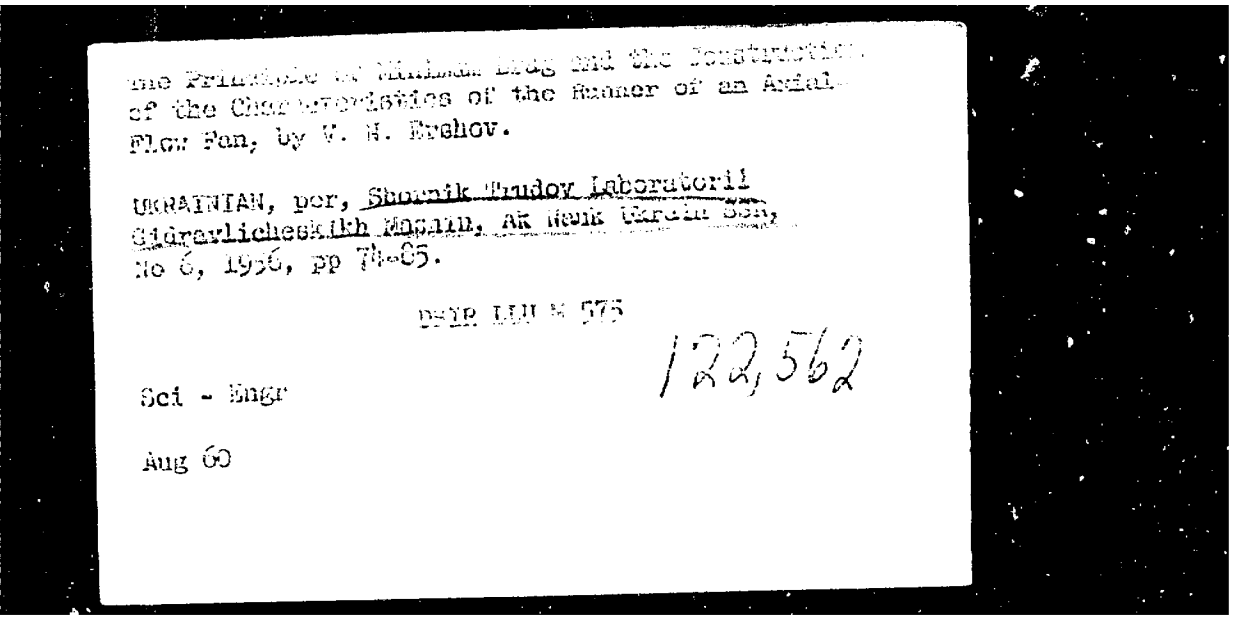

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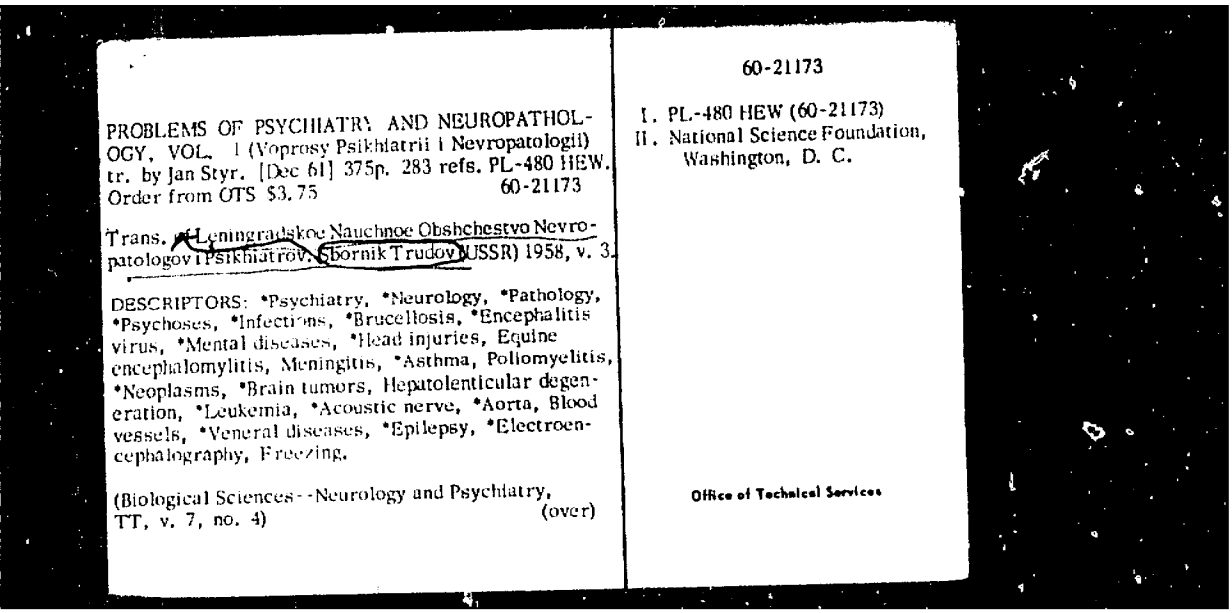

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DESCRIPTORS: *Psychiatry, *Neurology, *Pathology, *Psychoses, *Infections, *Brucellosis, *Encephalitis virus, *Mental diseases, *Head injuries, Equine encephalomylitis, Meningitis, *Asthma, Poliomyelitis, *Neoplasms, *Brain tumors, Hepatolenticular degeneration, *Leukemia, *Acoustic nerve, *Aorta, Blood vessels, *Venereal diseases, *Epilepsy, *Electroencephalography, Freezing.

(Biological Sciences--Neurology and Psychiatry, TT, v. 7, no. 4) (over)

60-21173

I. PL-480 HEW (60-21173)
II. National Science Foundation, Washington, D. C.

Office of Technical Services

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DESCRIPTORS: *Psychiatry, *Neurology, *Pathology, Brain, Ataxia, *Tuberculosis, *Meningitis, Muscular atrophy, Autonomic nervous system, *Epilepsy, Injuries, *Poliomyelitis virus, *Psychoneuroses, Childbirth, *Therapy, *Shock therapy, Insulin, *Electroshock, Sleep, *Drugs, *Psychoses.

(Biological Sciences--Neurology and Psychiatry, TT, v. 7, no. 4) (over)

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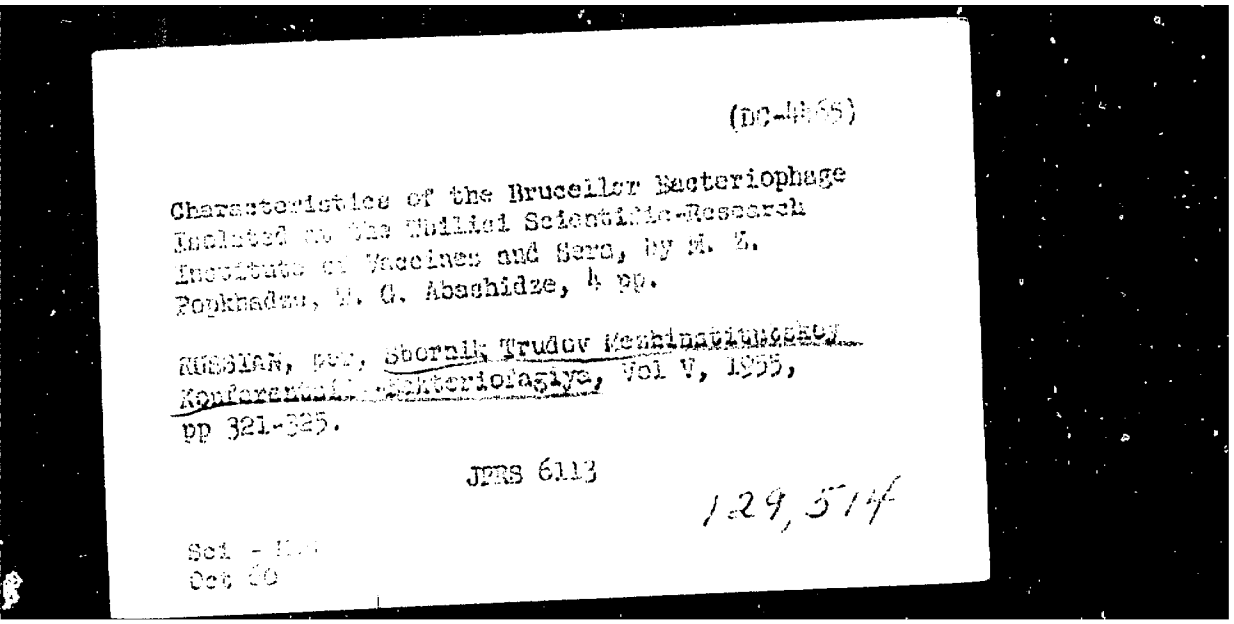

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JPRS 6113

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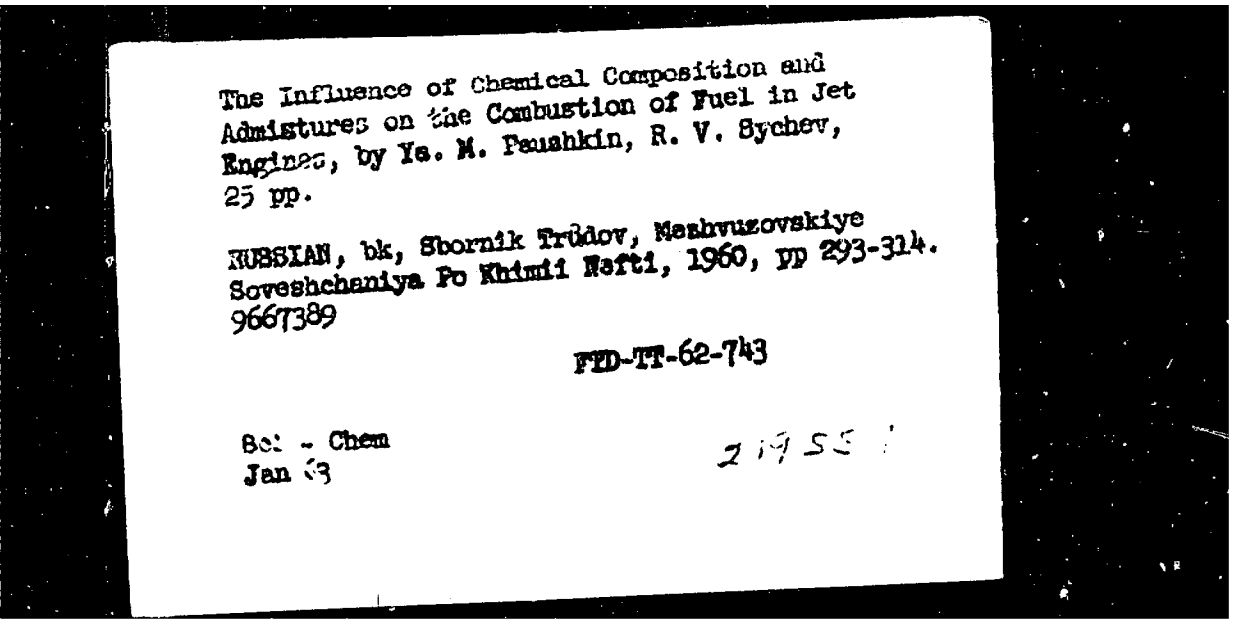

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Sci - Fuels
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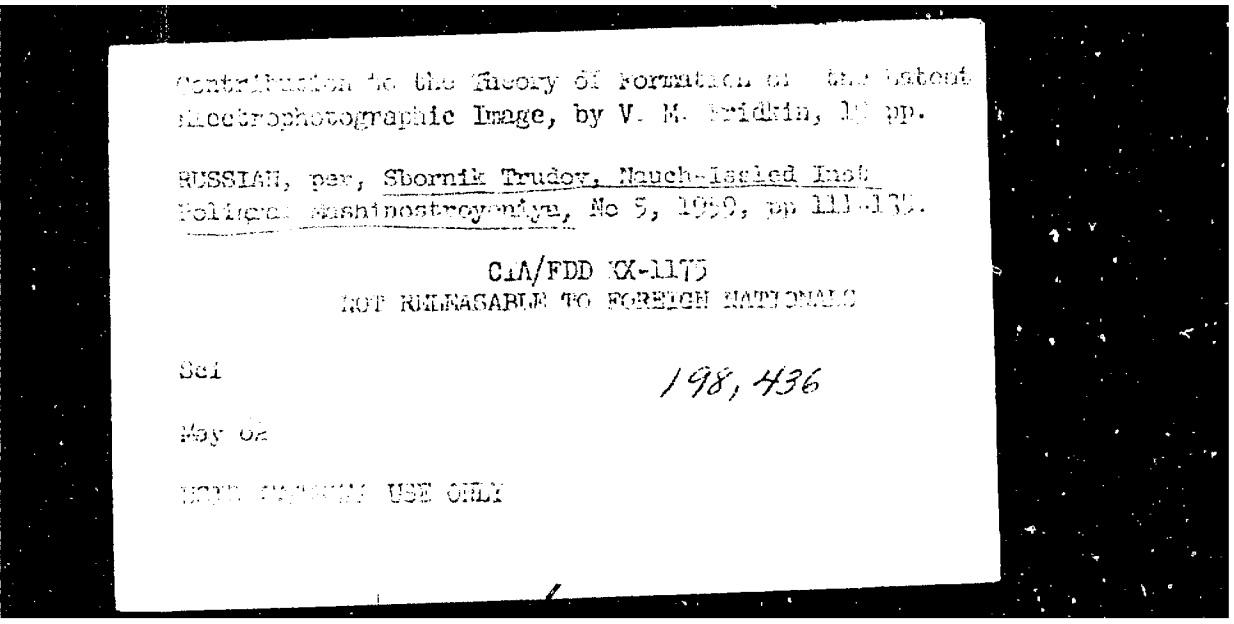

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DENSITY OF MIXTURES OF SOME MOLTEN ELECTROLYTES. [1963] [2?]p.
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DESCRIPTORS: *Electrolytes, Density, Chlorides, *Fused materials, Mixtures, Electrochemistry, Statistical data, Graphic analysis.

(Chemistry--Physical, TT, v. 10, no. 11)

63-18141

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III. Title: All-Union...

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Protection of the Negative Branches of Thermocouples Against Aging, by A. N. Voronin, R. Z. Grinberg.
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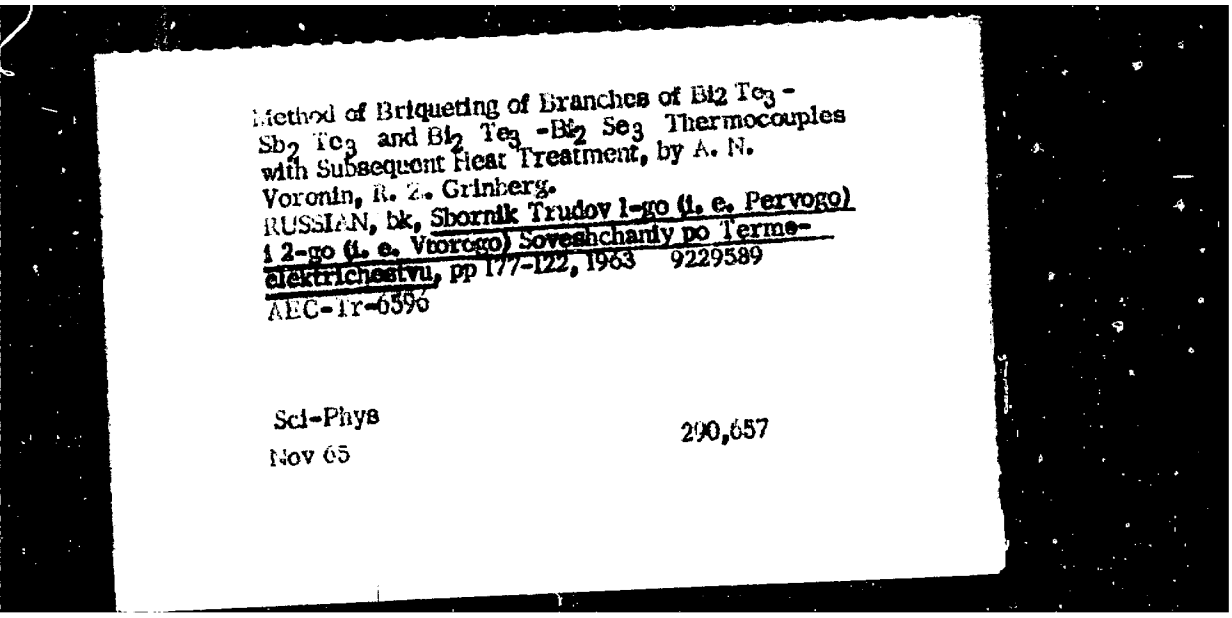

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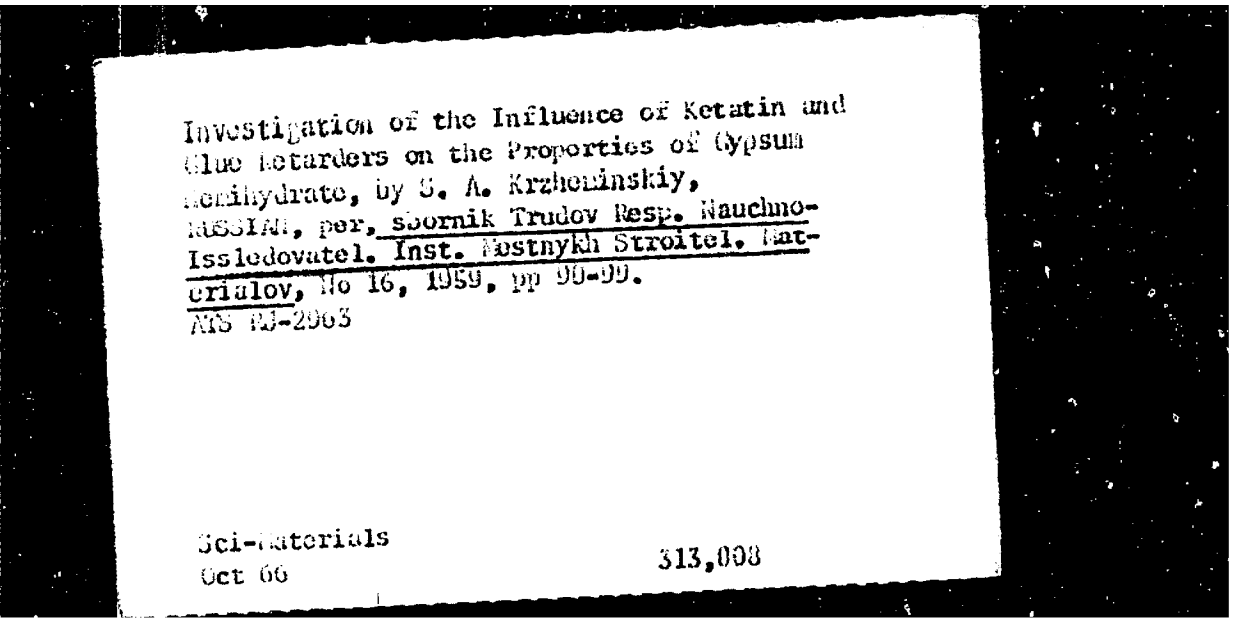

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